

APR 17 2018



Dart Aerospace Ltd.
1270 Aberdeen St
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Canada

Tel (613) 632-5200

D350-721-046
Job Sheet 176137



Part No: D350-721-046

Job Qty: 2 ea

Part Name: Maintenance Step RH



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/17/18

Job Tracking No:

Due Date: 4/27/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: IIN-D350-721 REV.C IPP A 05.05.11 New Issue KJ/JLM IPP B 07.10.10 removed D3436-041 EC verified by DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea	4/27/18	4/27/18	0.00	0.00	Start Up Stores/Pkg-1		APR 23 2018
110	Packaging	2 pcs	4/27/18	4/27/18	0.00	0.00	Packaging1-3		APR 23 2018
120	QC	2 pcs	4/27/18	4/27/18	0.00	0.00	QC4		DAS 58 9-89
125	DC	2 pcs	4/27/18	4/27/18	0.00	0.00	DC		DAS 58 9-89
130	Packaging	2 pcs	4/27/18	4/27/18	0.00	0.00	Packaging3-1		APR 23 2018
140	QC21-FG	2 Ea	4/27/18	4/27/18	0.00	0.00	QC21		APR 23 2018

Part Op 125 - Photocopy bluefile and create labels per PPP D350-721-046 CHG001
Descriptions: 130 - Identify and pack for shipping as per PPP D350-721-046

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-16A	Bolt	8 Ea (4 ea)	90-Start up Operation	5041125x2 5060052x26
D3436-044	Step RH	2 pcs (1 ea)	90-Start up Operation	5044589x1 5001527x1
MS20365-428	Nut	8 Ea (4 ea)	90-Start up Operation	5041918
NAS1149F0463P	Washer	16 Ea (8 ea)	90-Start up Operation	5056461

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-16A	8	278	0
	D3436-044	2	2	0
	MS20365-428	8	100	0
	NAS1149F0463P	16	538	0

Part Specifications

Specifications could not be found.

Plex 4/17/18 2:13 PM dart.lacelle.linda

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____ Date : _____ Description W	DISPOSITION Rework ☐ Scrap ☐ Use as is ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Cross tube ☐ Small Fab ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Packaging Supplier ☐ Engineering ☐ Quality ☐ Other ☐		
		MRB (QSI042) Approval		
		Completed By		
		Lead hand / Supervisor Approval Verification		
		QC / QA Coordinator Approval		

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Container No: S063861
Part: D350-721-046
Job No: 176137
Serial No/Batch: S063861
Revision: C
Inspector:

Date: 04/23/18

Root Cause			
Environment	☐	No Re-verification	☐
Design	☐	Operator	☐
Doc/Data	☐	Offset/Setup	☐
Equip/Tooling	☐	Supplier	☐
Handling/Pre	☐	Training	☐
Material	☐	Use for Testing	☐
Internal Transport	☐	Poor Information	☐
Tribal Knowledge	☐	Rushing	☐
LOA	☐	Product Improvement	☐
Substation	☐	Process Improvement	☐
Past Expiry Date	☐	Manufacturing Process	☐
Misidentified	☐	Past Due	☐

Centre Not Concentric
 Cracks
 Crimp/Kink/Ripple/Wave
 Cuffs
 Crushing
 Heat Treat
 Wave/Twist in Tube
 Marks/Chatter

BOM/Route
 Broken/Damage/Defect
 Inspection Incomplete/Unqualified
 Contamination
 Countersink
 Cut Too Short
 Instructions Incomplete/Unclear
 Drill Holes

Grain
 Weld
 Wrong Stock Pulled
 Out of Sequence
 Off-set
 Mislabeled
 Fit/Function
 Misaligned/off center

Positioned Wrong
 Outside Dimensions
 Over/Under tolerance
 Part Incorrect
 Part Lost/Missing
 Part Moved
 Drawing
 Finish
 Misread
 Turning Sequence

OTHER : _____

Change Record

Part Number D350-721-046
Description MAINTENANCE STEP ASSY RH

Page 1 of 1[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

REFERENCE ONLY

6.0 PARTS LIST

Qty -011	Qty -041	Qty -043	Qty -045	Qty -046	PART NUMBER	DESCRIPTION
X					D350-721-011	BASKET CLAMP KIT
	X				D350-721-041	LIGHTWEIGHT HELI- UTILITY-BASKET™
		X			D350-721-043	LIGHTWEIGHT HELI-UTILITY-BASKET™, SHORT VERSION
			X		D350-721-045	MAINTENANCE STEP, LH
				X	D350-721-046	MAINTENANCE STEP, RH
	1				D3324-041	BASKET BASE ASSEMBLY
	1				D3325-041	BASKET LID ASSEMBLY
		1			D3326-041	BASKET BASE ASSEMBLY
		1			D3327-041	BASKET LID ASSEMBLY
	2	2			D2022-101	SPACER
3	3	3			D2230-1	LUG
4	4	4			D2230-3	CLAMP
	1	1			D2332-041	PROP ASSEMBLY
	1	1			D2530	HANDLE ASSEMBLY
	2	2			D2535	SPRING
	2	2			D2537	BUSHING
8	8	8			D2732-030	RUBBER CUSHION
	2	2			D2931	BUMPER
1	1	1			D3338-1	LUG
	2	2			D3350-041	STRUT
	1	1			D3351-1	LABEL
			1	1	D3436-041	CLAMP
			1		D3436-043	LH STEP
				1	D3436-044	RH STEP
	2	2			AN3-16A	BOLT
	2	2			AN4-7A	BOLT
	2	2			AN4-12A	BOLT
	4	4			AN4-14A	BOLT
8	8	8			AN4-15A	BOLT
			4	4	AN4-16A	BOLT
	1	1			AN4-20A	BOLT
	1	1			AN4-22A	BOLT
	4	4			AN5-17A	BOLT
	4	4			AN970-4	WASHER
			4	4	MS20365-428	NUT
	2	2			MS20600AD4W3	RIVET
	2	2			MS21042L3	NUT (OR MS21042-3)
8	18	18			MS21042L4	NUT (OR MS21042-4)
	4	4			MS21042L5	NUT (OR MS21042-5)
			8	8	NAS1149F0463P	WASHER (OR AN960-416)
16	30	30			NAS1149D0463J	WASHER (OR AN960JD416)
	2	2			NAS1149D0416J	WASHER (OR AN960JD416L)
	4	4			NAS1149D0563J	WASHER (OR AN960JD516)
	2	2			NAS1149DN832J	WASHER (OR AN960JD8)

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Revision: C

Date: 17.11.20